

## ETHYLENE TRIMERIZATION CATALYST AND METHOD FOR TRIMERIZING ETHYLENE USING THE SAME

**Patent number:** JP2002066329  
**Publication date:** 2002-03-05  
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**Classification:**  
**- international:** B01J31/22; C07C2/34; C07C11/107; C08F4/69; C08F10/02  
**- european:**  
**Application number:** JP20000263249 20000828  
**Priority number(s):**

### Abstract of JP2002066329

**PROBLEM TO BE SOLVED:** To efficiently produce 1-hexene from ethylene with high selectivity.

**SOLUTION:** A catalyst is used comprising a chromium complex with a coordinated neutral multidentate ligand having a tripod type structure represented by the formula:  $ACrB_n$  (where (n) is an integer of 1-3; A is the neutral multidentate ligand having a tripod type structure; Cr is a chromium atom; and B is one or more selected from the group comprising a hydrogen atom, halogen atoms and linear or branched alkyl groups), an alkyl-metal compound and an amine compound or an amido compound.

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